OFFICIAL PROPOSALS

Bids: Feb. 16.

Highway Bridge

Pikeville, Ky.

Sealed proposals will be received by the Fiscal Court of Pike County, Kentucky, at the office of the County Judge at Pikeville, Kentucky, on Friday February 16th, 12 a.m. for the construction and erection of a highway bridge across the Tug Fork of Big Sandy River near Edgarton, West Virginia, and Freeburn, Ky. This bridge to be constucted jointly by Pike County, Kentucky and Mingo County, West Virginia. The required length is approximately 300 feet and two 150 spans are proposed. Clear width of roadway 16 feet and either three of four inch wood floor. This bridge to be designed by the contractor in accordance with situation plan and profile and other information to be furnished by the County Road Engineer of Pike County and to comply with specifications furnished by him.

Plans for this bridge are to be submitted at the above mentioned time and place together with bids and are to be subject to the approval of the County Road Engineer. To insure an economical design, as ewch latitude as possible will be given to the bidders as to type of bridge, span length etc., so long as requirements as to river channel etc., are complied with. The loading, stresses, quality, of materials etc., must conform to the requirements of the Kentucky State Highway Department standards for specification for bridges. This will be a ten ton capacity bridge. Prospective bidders are asked to submit bids on both concrete and steel structures.

Situation plans, profiles, specifications etc. will be sent to any one interested upon request by J. S. Bentley. County Road Engineer, room 208 Hughes Building, Pikeville, Kentucky. A change of $3.00 for each set of blue prints and specifications to cover cost of blue printing, typing, etc. will be made. All bids must be accompanied by a certified check for $2,500.00 payable to the Treasurer of Pike County, Kentucky, to insure that bidder will enter into proper contract. Checks of unsuccessful bidders will be returned as soon as contract is awarded.

The Fiscal Court reserves the right to reject any and all bids.

By order of the Fiscal Court of Pike County, Ky.

J. S. BENTLEY,
County Road Engineer.
W. E. FLANNARY, County Judge.

Bids: Feb. 10.

Cast Iron Pipe, Hydrants and Valves

Buffalo, N. Y.

Sealed proposals will be received by the Commissioner of Public Works at the Municipal Building, Buffalo, New York, for:

1,600 tons cast iron pipe 6 in. to 16 in.
70 tons cast iron specials 6 in. to 16 in.
200 hydrants.
341 valves 4 in. to 16 in

to be furnished, f.o.b. Buffalo, New York.

Forms of proposal and specifications may be obtained on application to the above address.

ARTHUR W. KREINHEDER,
Commissioner of Public Works.

Bids: Feb. 20.

Sheet Asphalt Paving

Charleston, S. C.

Sealed Proposals will be received by the Street Department, Charleston, S. C., until 6 P.M., Tuesday, February 20th, 1923, for the construction of from 200,000 to 300,000 square yards of Sheet Asphalt Pavement. The right is reserved to reject any or all bids. For specifications, etc., apply to

J. H. DINGLE,
City Engineer.

Bids: March 12.

Sewers

New Castle, Pa.

Sealed proposals will be received at the office of the City Clerk, City Building, New Castle, Pa., up until 10:00 o'clock Monday morning, March 12, 1923, for the construction of the extension of the City of New Castle Main Sewer in the Seventh Ward from its present southern terminus to the site of the proposed Sewage Disposal Plant in Taylor Township. The work will consist of the construction of approximately 4840 feet of 48 in. circular sewer in open cut of which approximately 320 feet will be Class A Cast Iron Pipe, and the balance reinforced monolithic concrete, reinforced concrete pipe, or brick, as determined by the bids. In addition there will be approximately 720 feet of 10 in. vitrified pipe sewer, 880 feet of 8 in. pipe sewer of which 850 feet will be vitrified pipe and 30 feet Class A Cast Iron Pipe, a sewage ejector station complete with air compressors and 50 feet of 4 in. Class B Cast Iron force main, manholes, frames and covers and other miscellaneous work. The said work to be done in accordance with plans and specifications on file in the office of the City Engineer, New Castle, Pa., and in the offices of Fuller & McClintock, Consulting Engineers, 170 Broadway, New York City, copies of which may be had for a deposit of $10.00.

Each proposal to be accompanied by a certified check, or cash, in the sum of at least five per cent (5%) of the total of the bid submitted, which shall become the property of the City as liquidated damages in case the successful bidder fails to furnish bond and enter into a contract. Checks to be returned upon approval of the contract and bond by the City. Checks will be returned to unsuccessful bidders. A bond with approved security will be required of the successful bidder.

The City reserves the right to reject any or all bids.

C. ED. BROWN, City Clerk.

Bids: Feb. 24.

Sewerage System and Disposal Works

Cuba, N. Y.

Sealed proposals will be received by the Board of Trustees of the Village of Cuba, N. Y., until 2 o'clock P.M., on the 24th day of February, 1923, for the construction of a sewerage system and sewage disposal works.

Plans may be seen and specifications obtained at the office of the Board at Cuba, N. Y., or at the office of Hopkins and Field, Engineers, 349 Cutler Building, Rochester, N. Y.

The Board hereby reserves and has the right to reject any or all bids or to accept the one that in its judgment will be for the best interests of the Village.

A surety bond satisfactory to the Board and in amount of $25,000 will be required of the one to whom the contract may be awarded.

A certified check, made payable to the order of the Board of Trustees, Cuba, N. Y., to the amount of $2,000 must be deposited by each bidder and accompany his bid as a guarantee that in case the contract is awarded to him, he will, within ten days thereafter, execute such contract and furnish his bond.

Bids must be sealed and addressed to the Board of Trustees, Cuba, N. Y., and marked on the outside of the envelopes "Proposal for Sewerage System and Disposal Works."

H. W. EVANS, President.
A. O. RENWICK, Trustee.
H. J. DEMCEY, Trustee..
H. M. SETCHEL,
Village Clerk.

Dated: Cuba, N. Y.,
Jan. 27th, 1923.

Bids: Feb. 23.

Water Works and Sewerage Systems

Scottsville, N. Y.

Notice is hereby given that the Board of Trustees of the Village of Scottsville, N. Y., will receive bids for the construction of a sewerage system and disposal works; and also for the construction of a water works system, the latter consisting of about five and one-half miles of cast iron pipe, hydrants, valves, special castings, pump house, rapid sand filter, stand pipe and accessories.

Plans and specifications may be seen at the office of the Village Clerk, Scottsville, and plans seen and specifications obtained at the office of Hopkins and Field, Engineers, 349 Cutler Building, Rochester, N. Y.

Each bid on each system shall be accompanied by a certified check for one thousand dollars ($1,000), payable to the order of Eugene T. Swain, Village Clerk, to be returned in case the bid is rejected, or to be forfeited in case the bidder should refuse to enter into a contract satisfactory to said Village and in accordance with his proposal. Each bidder whose bid is accepted shall be required to furnish a surety bond satisfactory to the Village Board in the amount of sixty per cent of the bid, to assure the faithful performance of the contract. The Village reserves the right to examine any bidder as to his ability and his equipment with reference to the carrying out of the contract, and said Board reserves the right to reject any or all bids.

Bids shall be enclosed in sealed envelopes addressed to the Village Board, Scottsville, N. Y., and delivered to the said Board at the Village Hall in Scottsville, on or before the 23d day of February, 1923, at 11 o'clock a.m., at which time and place the bids will be opened.

Dated January 27, 1923.

The Village of Scottsville,
By WILLIAM S. DUNN,
President.
EUGENE T. SWAIN,
Village Clerk.

GEORGE Y. WEBSTER,
Attorney for Village.
Rochester, N. Y.

Bids: Feb. 12.

Road Work

Salem, N. J.

Notice is hereby given that sealed bids will be received by the Road Committee of the Board of Chosen Freeholders of the County of Salem for the construction of the Pennsville-Salem Road, 2nd and 3rd sections, in the township of Lower Penn's Neck, in the County of Salem, with a Bituminous Macadam surface upon broken stone foundation, estimated amount of Bituminous Macadam surfaced pavement required is 33,356 square yards; and opened and read in public at the Court House in the City of Salem, N. J., on Monday, February 12, 1923, at 2 P.M., standard time.

Drawings, specifications and form of bid, contract and bond for the proposed work will be furnished by the County Engineer, H. B. Keasbey, Salem, N. J.

E. G. OCHS, Clerk.

Compensation Insurance

The intelligent handling of Workmen's Compensation Insurance is most essential to contractors. I have specialized in this business for twenty years and know how to handle insurance for the best interests of the contractors.

Alfred S. Hamilton
110 William St., New York

Hauling Contracts Wanted

Road work, Material Handling, etc. Have several fleets of trucks ready for service anywhere. No job too large. Special equipment for any kind of dump truck hauling or unloading. Unlimited references. Glad to estimate.

HAMBRIDGE CONTRACTING CO.
68th and Greenway Ave., Philadelphia, Pa.

Sewer Contractors With Trenching Machine

We will sub-let about 5,000 ft. of 6 in. to 15-in. sewer to a reliable contractor with a good trenching machine. This work is located in West Virginia in the Ohio Valley. The work runs up to 22 ft. in depth and in sandy loam soil with few gas and water services. Seventy per cent of the work is less than 12 ft. in depth. Bids are desired on digging the trench and laying the pipe which will be furnished along the trench.

Kennedy Construction Co.
Parkersburg, West Virginia

OFFICIAL PROPOSALS

Bids: Feb. 28.

Lock and Dam Construction of the Illinois Waterway Contract No. 2

Springfield, Ill.

1. Sealed proposals for the construction of STARVED ROCK LOCK AND DAM, located in the Illinois River, two miles above Utica, and seven miles below Ottawa, La Salle County, Illinois, will be received at the office of the Director of the Department of Public Works and Buildings, Division of Waterways, Room 122, State House, Springfield, Illinois, until Ten (10) o'clock A.M., Central Standard Time of the 28th day of February, 1923, and then publicly opened and read.

2. Copies of the plans, specifications, proposal blank, form of bond, and contract may be obtained by prospective bidders at the Office of the Department, Room 1404, 25 East Jackson Boulevard, Chicago, Illinois, upon depositing a check for Ten Dollars ($10.00), made payable to the Director of the Department of Public Works and Buildings, which sum will be returned within ten (10) days after the contract has been awarded, if the plans are returned in good condition within that time.

3. Each proposal shall be accompanied by a certified check or draft drawn on some responsible bank doing business in the City of Chicago, and made payable to the order of the Director of the Department of Public Works and Buildings, for five (5) per cent of the amount of the proposal. In lieu of a certified check or draft, the proposal may be accompanied by a bond executed in the form prescribed by the Department of Public Works and Buildings and with a surety company approved by the Department in the penal sum of ten (10) per cent of the amount of the proposal.

4. The Department of Public Works and Buildings reserves the right to reject any or all bids. The contract, if let, will be awarded to the lowest responsible bidder.

C. R. MILLER,
Director, Department of Public Works and Buildings.
WILLIAM L. SACKETT,
Superintendent of Waterways.
M. G. BARNES,
Chief Engineer,
Division of Waterways.

Bids: Feb. 21.

Combined Garbage Incinerator Plant

Sea Cliff, N. Y.

Sealed proposals will be received by the Board of Trustees of the Incorporated Village of Sea Cliff, Nassau County, New York, at the Village Offices in said Village until Wednesday evening, February 21st, 1923 at 8 o'clock p.m., for the construction of a Combined Garbage Incinerator Plant and Storage Building in the Incorporated Village of Sea Cliff, for the disposal of ashes, garbage, etc.

Specifications covering the work may be obtained upon request of the Village Clerk, Sea Cliff, New York.

The Board of Trustees reserves the right to reject any and all bids.

By order of the Board of Trustees,
RUTH H. BRANTHWAITE, Clerk.
Dated Sea Cliff, N. Y. January 29, 1923.

Bids: Feb. 20.

Drain Construction

Charleston, S. C.

Sealed Proposals will be received by the Street Department, Charleston, S. C., until 6 P.M., Tuesday, February 20th, 1923, for the construction of 35,000 feet, more or less, of terra cotta pipe drains with appurtenances, and 3,000 feet, more or less, of reinforced concrete drains and appurtenances.

The right is reserved to reject any or all bids. For specifications, etc., apply to

J. H. DINGLE,
City Engineer.

January 20th, 1923.

OFFICIAL PROPOSALS

Bids: Feb. 26.

Highway Bridge

Massena, N. Y.

Sealed proposals will be received at the office of the Town Clerk of the Town of Massena, New York until 2:00 P. M., on February 26th, 1923, and at that time publicly opened and read, for furnishing of all materials, equipment and labor necessary to construct a highway bridge over the Grasse River in the Town of Massena, New York.

The bridge will consist of a riveted steel cantilever superstructure with a concrete substructure. The superstructure will be seven hundred and sixty-five (765) feet long, consisting of two anchor arms, each one hundred and fifty-seven and one half (157.5) feet long; two cantilever arms, each one hundred and twelve and one half (112.5) feet long and a suspended span, two hundred and twenty-five (225) feet long.

The bridge will have one roadway, eighteen feet wide, and two sidewalks, each six feet wide.

The work will also require the grading of the approaches.

Proposals will be received separately for the substructure and for the superstructure.

Plans and specifications may be had at the office of the Town Board or of the Consulting Engineers, the Jarrett-Chambers Company, Inc., No. 30 East 42nd Street, New York City, upon deposit of ten dollars for superstructure plans or five dollars for substructure plans, which will be refunded when the plans are returned.

A certified check, payable to the Town Board of Massena, New York, shall be enclosed with each proposal. Checks accompanying proposals for the superstructure shall be for the sum of ten thousand dollars. Checks accompanying proposals for the substructure shall be for three thousand dollars.

The right is reserved to reject any or all proposals or to waive any informality in the proposals received.

ANDREW J. HANMER,
Supervisor,
FRANK A. HOUGH,
Town Clerk,
Massena, N. Y.
JARRETT-CHAMBERS COMPANY, INC.,
Engineers,
New York.

Bids: Feb. 14.

Furnishing Cast Iron Water Pipe Contract 34-W

Washington, D. C.

Sealed proposals for furnishing 32,000 ft. of 6 in., 15,000 ft. of 8 in., 12,000 ft. of 12 in., 1,000 ft. of 16 in., 500 ft. of 24 in., B. & S., C. I. Water Pipe, and 50 tons Special Castings, will be received at the office of the Washington Suburban Sanitary Commission, Evans Building, Washington, D. C., until 3 P. M., Wednesday, Feb. 14. Specifications obtainable from Robert B. Morse, Chief Engineer of District, Hyattsville, Md.

T. HOWARD DUCKETT,
EMORY H. BOGLEY,
J. BOND SMITH,
Commissioners.

OFFICIAL PROPOSALS

Bids: Feb. 27.

Oil Engine Pumping Unit

Laporte, Ind.

The Board of Public Works of the City of Laporte, Indiana, will on the 27th day of February, 1923, at 10 o'clock, a.m. receive sealed bids for a 2,450 G.P.M. Oil Engine Pumping Unit. Specifications may be had from J. H. Harding, Water Works Supt.

Bids: Feb. 28.

State Hospital Work

Middletown, N. Y.

Sealed proposals for Sanitary Work—Additional Fire Protection and Water Supply, at the Middletown State Homeopathic Hospital, Middletown, N. Y., will be received by the State Hospital Commission, Capitol, Albany, N. Y., until 3 o'clock P. M. on Wednesday, February 28, 1923, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a certified check in the sum of five per cent (5%) of the amount of each proposal. The contractors to whom the awards are made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of the contract within thirty (30) days after official notice of award of contract and in accordance with the terms of Specification No. 4037, Proposals Nos. 1 and 2. The right is reserved to reject any or all bids. Drawings and specifications may be examined at the Middletown State Homeopathic Hospital, Middletown, N. Y., at the New York Office of the Department of Architecture, Room 1058, 25 Broadway, and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon reasonable notice to and in the discretion of the State Architect, L. F. Pilcher, Capitol, Albany, N. Y.

L. M. FARRINGTON,
Secretary, State Hospital Commission.
Dated: February 2, 1923.

U. S. GOVERNMENT

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., February 1, 1923—Sealed proposals will be opened in this office at 3 p.m., March 5, 1923 for protection of site and building and approach work at the United States Immigrant Station, Boston, Mass. Drawings and specifications may be obtained from the Supervising Chief Engineer, Room 437, U. S. Post Office Building, Boston, Mass., or at this office in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

U. S. ENGINEER OFFICE, Nashville, Tenn. Sealed proposals will be received here until 11 a.m., March 6, 1923, and then opened, for one electric towboat. Further information on application.

Ever Hear About John Webster's Crab?

¶The great John Webster in writing his classic, "The Duchess of Malfi," makes the following comparison of the habit-set man who would not change his ways and methods:

"Like the irregular crab,
Which, though 't goes backward, thinks
It goes right
Because it goes its own way."

¶Perhaps if we could just step one side and watch ourselves go by some of us would supplant our present methods with others that would be more in step with our wishes for success and progress. ¶The most sincere wishes in the world backed by equally sincere efforts do not produce results commensurate with those efforts if the method is wrong. ¶If you look over the efforts that are being made in your behalf on Contract Bonds and Compensation Insurance and compare them to Swart Service you may see a similarity to "the irregular crab." ¶If no difference, don't change. That's fair, isn't it?

Swart Service Really Serves
HARMON V. SWART
Contract Bonds—Compensation Insurance
92 William Street, New York

CONTRACT BONDS FOR RESPONSIBLE CONTRACTORS

The Aetna is able to issue bonds in larger amounts by employing expert engineering advisers.

ÆTNA CASUALTY AND SURETY COMPANY
HARTFORD, CONN. AGENTS EVERYWHERE

U. S. GOVERNMENT

U. S. ENGINEER OFFICE, CINCINNATI, O. Sealed proposals will be received here until 2 p.m., Feb. 12, 1923, and then opened, for furnishing and delivering structural steel, forgings, etc., for Ohio River Dams Nos. 36 and 38. Further information on application.

SEALED PROPOSALS will be received and opened by the Director, U. S. Veterans Bureau, in the office of the Quartermaster General, 2306 Munitions Building, Washington, D. C., at 11 a.m., February 16, 1923, for construction of a 500 bed Neuro-Psychiatric Hospital to be erected for the U. S. Veterans Bureau at Camp Custer, Battle Creek, Michigan. The work will include the construction of about thirty buildings of reinforced concrete and brick, complete with sewer, water, heating and lighting systems, roads and walks. Plans and specifications may be obtained after January 16, 1923, from the Quartermaster General, Room 2306 Munitions Building, Washington, D. C., upon deposit of $100. One set of plans and specifications will be on exhibition at each of the following stations: Constructing Quartermasters at 39 Whitehall Street, New York, N. Y., Army Supply Base, Boston 9, Mass., and Quartermaster Supply Officers at 1819 West Pershing Road, Chicago, Ill., and Second and Arsenal Streets, St. Louis, Mo.

U. S. ENGINEER OFFICE, WILMINGTON, DEL.—Sealed proposals will be received here until 11 A.M., Feb. 24, 1923, and then opened, for constructing and delivering one steel quarter boat and two steel barges. Further information on application.

UNITED STATES ENGINEER OFFICE, Room 616, Army Building, New York City—Sealed proposals will be received here until 12 o'clock Noon, March 2, 1923, and then opened, for dredging in Shrewsbury River, N. J. Further information on application.

U. S. GOVERNMENT

SEALED PROPOSALS, indorsed "Proposals for Refrigerating Equipment, Gulfport, Miss. Specification No. 4780," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a.m., Feb. 21, 1923, and then and there publicly opened, for refrigerating and ice-making equipment, using as refrigerant any satisfactory substance except ammonia, and consisting of motor-driven compressors, condensers, liquid receiver, motor-driven brine pumps, combination freezing and brine-cooling tank with expansion coils, water-precooler tank with coils, charcoal filters, brine agitator, water-agitating system by compressed air, automatic can filler, hand-operated can hoist, automatic can dump and ice chute, ice cans, oil and scale traps, piping and other accessories; and for coldstorage rooms with insulation for compartments including doors, floors, and equipment for the storage and handling of goods at the U. S. Veterans' Hospital, Gulfport, Miss. Drawings and Specification No. 4780 may be obtained on application to the Bureau of Yards and Docks. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau, January 5, 1923.

SEALED PROPOSALS, indorsed "Proposals for Stack, Gulfport, Miss., Specification No. 4781," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a.m., Feb. 21, 1923, and then and there publicly opened, for a radial brick stack on a concrete foundation, at the U. S. Veterans' Hospital, Gulfport, Miss. Specification No. 4781 may be obtained on application to the Bureau of Yards and Docks. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the specification. L. E. GREGORY, Chief of Bureau, January 5, 1923.

U. S. GOVERNMENT

SEALED PROPOSALS, indorsed "Proposals for Hospital Construction, Gulfport, Miss., Specification No. 4774," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a.m., Feb. 26, 1923, and then and there publicly opened, for the following work at the U. S. Veterans' Hospital, Gulfport, Miss.

Part I. New buildings, roads and walks; and removing existing building, roads and walks. The work includes plain and reinforced concrete; cast concrete; hollow tile work; structural steel; interior marble work; wood framing, sash, doors and finish; stucco; plaster and metal lath; tile, prepared and built-up roofing; sheet metal work; steel sash; steel covered sash and doors; miscellaneous steel and iron work; hardware; painting and glazing; and dumbwaiters.

Part II. Plumbing work inside the buildings, and outside sewers and drains, including soil, vent and drain piping; hot and cold water lines; interior stand pipe system; all valves, fittings, plumbing fixtures, and floor drains.

Part III. Complete heating and steam distributing systems for each building and an outside steam distributing system including high pressure and vacuum return lines; hot water heaters; underground concrete trenches; manholes; and cast iron manhole frames and covers.

Part IV. Lighting systems for each building; power systems and telephone conduits in certain buildings; and outside electric distributing systems including transformers, panel boards, fixtures, conduits, fibre ducts, and wiring.

Part V. Boiler plant equipment and piping, including brick settings for return tubular boilers, smoke flue, feed water heater, steel storage tanks, feed water and vacuum pumps, combined twin pump and receiver, fuel oil pumps and heater, motor-driven sludge pump, drip traps, incinerator with hot water heating and sterilizing equipment, complete piping systems for all apparatus, and the installation of horizontal return tubular boilers furnished by the Government.

Drawings and specification No. 4774 may be obtained on application to the Bureau of Yards and Docks, Navy Department, Washington, D. C. Deposits of checks or postal money orders, payable to the Chief of the Bureau of Yards and Docks, are required as security for the safe return of the drawings and specifications. Deposits shall be in the following amounts: Part I—$50, Part II—$50, Part III—$25, Part IV—$25, Part V—$15; and complete (all parts) $100. L. E. Gregory, Chief of Bureau, January 5, 1923.

U. S. ENGINEER OFFICE, GALVESTON, TEX., Sealed proposals will be received here until 11 a.m., Feb. 21, 1923, and then opened, for dredging channels at Brazos Island Harbor, Texas. Further information on application.

U. S. ENGINEER OFFICE, PROVIDENCE, R. I. Sealed proposals will be received here until 12 o'clock, noon, March 7, 1923, and then opened, for dredging in Connecticut River, Conn. Further information on application.

U. S. ENGINEER OFFICE, FLORENCE, ALABAMA.—Sealed proposals will be received here until 11 A.M., February 12, 1923, and then opened, for furnishing and delivering one electric generator of 937.5 kva. capacity with direct connected excited. Further information on application.

U. S. ENGINEER OFFICE, FLORENCE, ALA.—Sealed proposals will be received here until 11 A.M., February 17, 1923, and then opened, for furnishing displacement tanks for the regulating gates of Wilson Dam. Further information on application.

U. S. ENGINEER OFFICE, FLORENCE, ALA.—Sealed proposals will be received here until 11 A. M., February 21, 1923, and then opened, for furnishing castings and other parts for the regulating gates of Wilson Dam. Further information on application.

Wanted—Correspondents
for Engineering News-Record

If you want to earn some extra money and are a resident in one of the cities named below;

If you can spare an hour or two a day *during business hours* for calling upon architects, contractors, engineers and city departments;

Then write me concerning your qualifications and present connection, if you live in

ARIZONA
Bisbee
Globe
Tuscon

ARKANSAS
Little Rock

CALIFORNIA
Los Angeles

CONNECTICUT
Hartford

DELAWARE
Wilmington

INDIANA
Evansville
South Bend

IOWA
Dubuque

KANSAS
Leavenworth

KENTUCKY
Louisville

MASSACHUSETTS
Fall River

NEVADA
Carson City

NEW YORK
Schenectady

OHIO
Cincinnati
Toledo
Youngstown

OREGON
Astoria
Medford
Salem

SOUTH CAROLINA
Except Columbia

SOUTH DAKOTA
Sioux Falls

VIRGINIA
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Engineering News-Record, Tenth Ave. at 36th St., New York

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E. N. R.

POSITIONS VACANT

ASSISTANT engineer for State Bureau of Public Health, Santa Fe, New Mexico. University graduate in sanitary engineering, with not less than three years' experience in waterworks and sewage disposal. Beginning salary $2,400 and travel expenses. Give full particulars, training, experience, references, in letter of application, to Director of Public Health, Santa Fe, New Mexico.

CARPENTER foreman for concrete bridge forms, this is complicated work and only capable men will be considered. No others need apply. P-649, Eng. News-Record, Leader-News Bldg., Cleveland, Ohio.

CHIEF draftsman wanted to take complete charge drafting room, Middle West structural plant. Principally industrial mining and bridge structures. Capacity 1,000 tons per month. Position permanent and excellent opportunity for man with executive ability. Apply giving experience, age, married or single and salary expected to P-670, Eng. News-Record, Old Colony Bldg., Chicago, Ill.

CIVIL engineer, with instrument, for one or two years, experienced in accurate subdivision work, excavation surveys, etc. Address Box 232, Asheville, N. C.

COMPRESSED air; experienced inspectors wanted on masonry tunnel construction under high air pressure. Apply in person. Passaic Valley Sewerage Commissioners, 128 Market Street, Newark, N. J.

DESIGNERS and estimators wanted by large reinforcing bar company. Must have experience with organization handling reinforcing steel. Give references, experience, and salary desired. P-651, Eng. News-Record, 10th Ave. at 36th St., New York City.

DETAILERS for reinforced concrete structures. Designing, estimating and selling opportunities for capable men. Give references, age, experience, education. The Building Products Co., Toledo, Ohio.

DRAFTSMEN, experienced (only) detailers and checkers on structural steel. State salary, experience, and when available first letter. Pittsburgh-Des Moines Steel Co., Des Moines, Iowa.

DRAFTSMEN, first class detailers and checkers for structural steel. Philadelphia vicinity. Only experienced men need apply. P-582, Eng. News-Record, Real Estate Trust Bldg., Phila., Pa.

DRAFTSMEN experienced in detailing and checking structural steel for buildings, permanent position for efficient men. Give age, experience, references. We operate throughout entire United States. International Steel & Iron Co., Evansville, Indiana.

DRAFTSMEN, experienced detailers and checkers wanted for buildings and bridges. State age, salary, experience and earliest date available. Permanent position for good men. The Mt. Vernon Bridge Co., Mt. Vernon, Ohio.

DRAFTSMEN: On structural steelwork for bridges and buildings. Apply giving experience, etc., to the Berlin Construction Co., Inc., Berlin, Conn.

DRAFTSMAN, with some engineering experience. Knowledge of mill construction and structural work in steel, wood and concrete necessary. Should be able to estimate. Temporary engagement. Reply stating age, if married, details of experience, references and salary desired. Security Cement & Lime Company, Hagerstown, Maryland.

DRAFTSMEN calculators wanted on special track work. With or without experience but must have thorough working knowledge of mathematics. P-658, Eng. News-Record, Real Estate Trust Bldg., Phila., Pa.

DRAFTSMEN, structural detailers and checkers wanted for heavy bridge work and buildings. State qualifications and salary expected. Bethlehem Steel Company, Bridge and Fabrication Department, Steelton, Penna.

DRAFTSMEN—Mechanical, experienced in mechanical and chemical layout work, power house layout work, and machine design. Give age, experience and salary expected. Apply to the Engineering Department. E. I. Du Pont de Nemours & Company, Inc., Wilmington, Delaware.

ELECTRICAL draftsman, technical graduate preferred, experienced in substation and transmission line design, motor application and control. Some knowledge of mining desirable but not necessary. State age, experience in detail, education, salary expected and when available. Location, Eastern Pennsylvania. P-565, Eng. News-Record, Real Estate Trust Bldg., Phila., Pa.

ESTIMATOR wanted. Must prove his ability, beyond doubt, to accurately estimate costs on high class bank and office buildings, apartments, hotels and industrial plants. Not over forty years old. Must show a successful record covering several years and including connection as estimator with at least one of the larger construction companies. For the services of such a man we will pay liberal salary and commission on contracts awarded through his solicitation. State salary and send full record in first letter. P-653, Eng. News-Record, 10th Ave. at 36th St., New York City.

EXPERIENCED structural detailers and checkers; state age, experience, nationality, education and salary expected, in first letter. Indiana Bridge Company, Muncie, Indiana.

EXPERIENCED detailer and checker on shop drawings for structural shop. Give age, experience, etc. Stupp Bros. B. & I. Co., St. Louis, Mo.

EXPERIENCED structural detailers and checkers wanted on mill and office buildings. In reply state experience, salary and earliest date you can report. Riverside Bridge Co., Martins Ferry, Ohio.

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